arcus®

USER'S MANUAL

arcus Premium Class
Digital Audio Recorder 300

Dear arcus Customer,
The “arcus” brands stands for technically well-designed, highly innovative products. arcus opens up new perspectives which you simply have to experience for yourself. We congratulate you on the purchase of a product from our company.

Your arcus Team

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Chapter

1

Safety instructions

Electrical appliances should be kept out of the reach of children. Never allow children to use electrical appliances unsupervised. Batteries can be life threatening if swallowed. Ensure therefore that the appliance and batteries are kept out of the reach of children. In the event of a battery being swallowed, immediate medical attention must be sought.

The device may only be operated in dry rooms. Do not drop any objects onto or spill any liquids into the device. If this happens, immediately remove the mains plug from the socket and have the device checked by qualified technical personnel.

The device is to be placed horizontally on a solid, even surface. Do not block any ventilation openings. Position the device in such a way that any touching of the connections (particularly by children) is avoided.

If the device has been exposed to low temperatures (e.g. during transport), do not switch on the device until it has reached room temperature and any condensation water has evaporated.

If the device is not to be used for longer periods, the device's mains plug should be removed from the socket.

Before cleaning the device, please remove the mains plug. The surfaces of the device should only be wiped with a clean, dry cloth. Never use paint thinners, pure alcohol or other strong cleaning agents or solvents.

Before switching the device back on, please ensure that there are no short circuits at the contact points and that all connections are correctly linked.

Aside from the steps described in the User's Manual, the user should not undertake any other work on the device. The device may only be opened by qualified technical personnel. Repairs and the replacement of fuses must be done by a technical service centre.

In the event of damage or a suspicion that the device is not functioning properly, immediately remove the mains plug and have the device checked by a technical service centre.

Should you place the appliance on delicate furniture, we recommend that you place a neutral pad under it to avoid staining from the base.

The device stores music and photos on an internal hard drive. Hard disks are subject to a certain amount of wear. To prevent data loss, you should regularly backup your data. arcus is not responsible for possible data loss!

arcus does not accept responsibility for damages caused by updates performed improperly.

To prevent data loss, always switch the device off using the Standby button on the front before you disconnect it from the mains supply by pressing the mains switch (on the back of the housing) or pull out the mains plug.

Keep the device away from magnetic fields, e.g. unshielded speakers, which can otherwise lead to data loss.

Legal notice on copyright

Intellectual property, including music, is subject to worldwide copyright protection.
It is legal in most countries to create copies of legally acquired recording media (e.g. CDs) or music files (e.g. from the Internet) for personal use.
It is prohibited to offer these copies commercially or to give them to a third party.
Caution when downloading MP3 files from the Internet: Please make sure that the files are properly licensed, i.e. that the provider also has rights to the respective titles.
If you are not the originator yourself or you have not been grated the appropriate rights of use by the originator or rights holder, you should note that if you infringe on this right, there is a risk that beneficial owners may take action against this possible criminal act and assert their rights.

Chapter

2

Notice on environmental protection

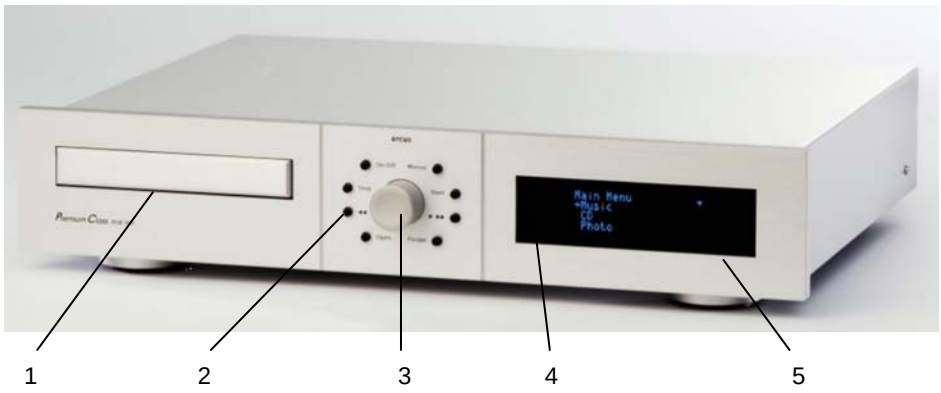
Professional Recycling Batteries and packaging materials do not belong with household waste. Batteries must be taken to a collection point for old batteries. Separate disposal of packaging material helps the environment.

This product cannot be disposed of as normal household rubbish at the end of its life. It should be taken to a collection point for recycling electrical appliances. The symbol on the product, the instruction manual or the packaging gives advice on this. The materials are recyclable according to their label. By recycling material or other forms of waste, you are making an important contribution to protecting the environment. Please ask your local government for the location of the nearest recycling point.

Chapter

3

Introduction to the front panel keys

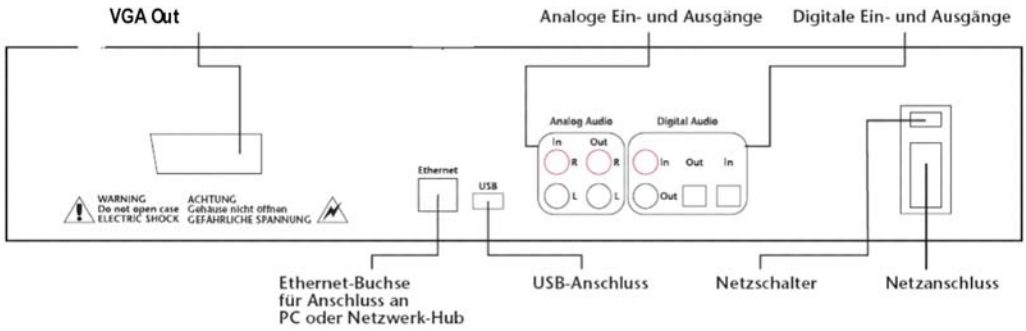


1. CD tray
2. Control panel
3. Controller
4. Display
5. Remote window

Chapter

4

Connections and controls on the rear panel

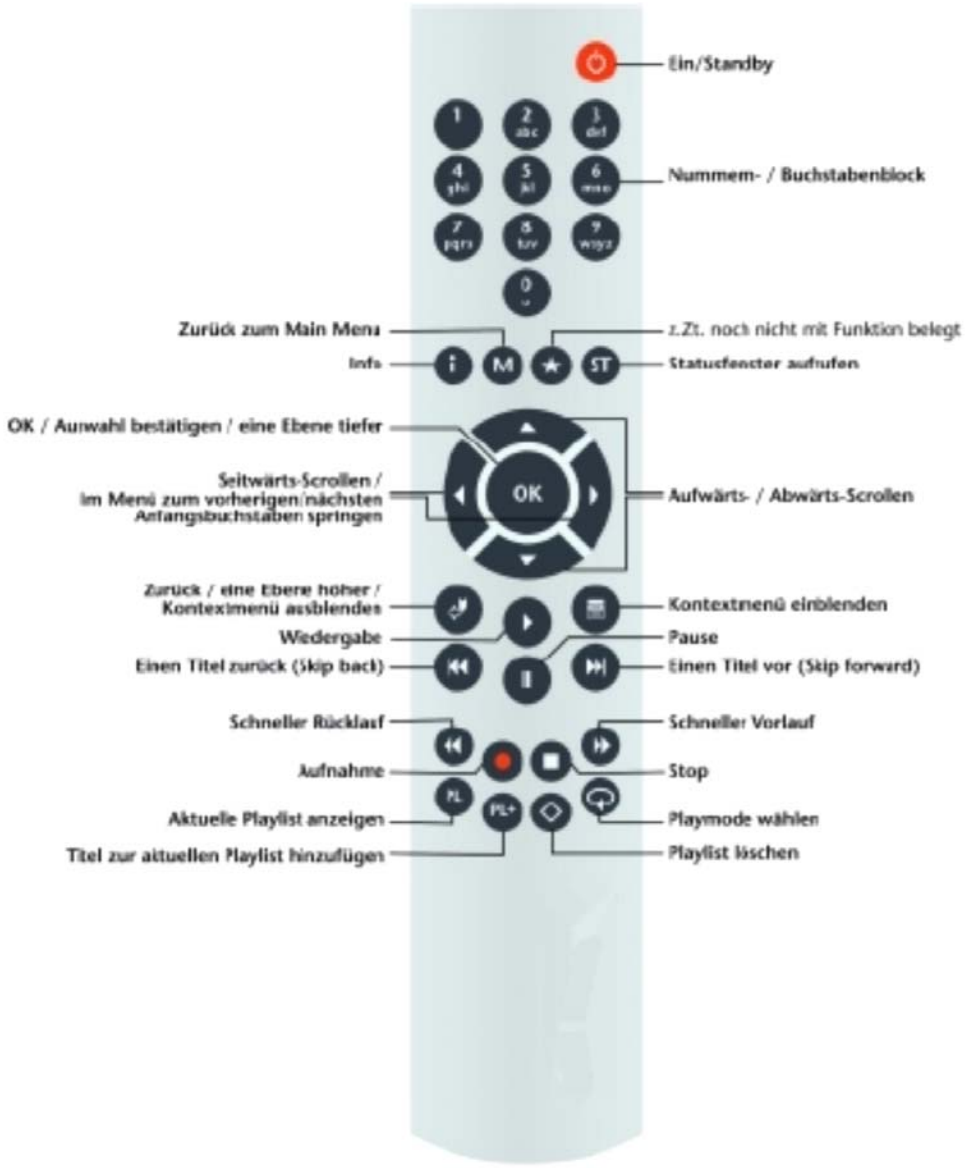


German	English
VGA Out	VGA connection to connect to a TV/Monitor
Analoge Ein- und Ausgänge	Analogue input and output
Digitale Ein- und Ausgänge	Digital input and output
Ethernet-Buchse für Anschluss an PC oder Netzwerk-Hub	Ethernet connection to connect to a PC or network hug
USB-Anschluss	USB connector
Netzschalter	Mains plug
Netzanschluss	Mains connection

Chapter

5

Remote control



German	English
Ein/Standby	On/Standby
Nummern- / Buchstabenblock	Number/letter block
Zurück zum Main Menu	Return to the main menu
Info	Info
z.Zt. noch nicht mit Funktion belegt	No function
Statusfenster aufrufen	Call up status window
OK / Auswahl bestätigen / eine Ebene Tiefer	OK / enter / one level deeper
Seitwärts-Scrollen / Im Menü zum Vorherigen/nächsten Anfangsbuchstaben springen	Scroll horizontally / Go to previous/next initial
Auswärts- / Abwärts-Scrollen	Scroll up / down
Zurück / eine Ebene höher / Kontektmenü ausblenden	Back / one level higher / hide context menu
Kontektmenü einblenden	Show context menu
Wiedergabe	Play
Pause	Pause
Einen Titel zurück (Skip back)	One title back (skip back)
Einen Titel vor (Skip forward)	One title forward (skip forward)
Aufnahme	Recording
Stop	Stop
Aktuelle Playlist anzeigen	Display current playlist
Playmode wählen	Select play mode
Titel zur aktuellen Playlist hinzufügen	Add title to current playlist
Playlist löschen	Delete playlist

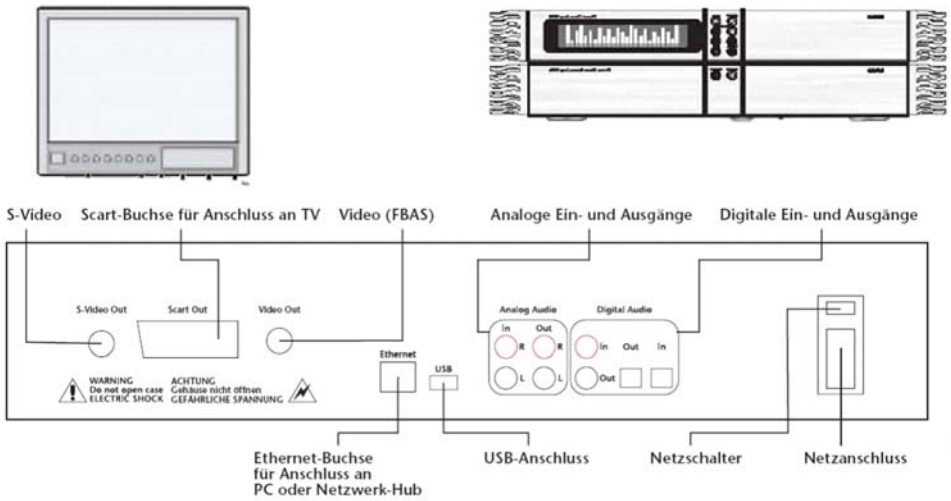
Putting batteries in the remote control

Make sure that the polarities are correct. There should be no large barriers between the remote control and the DAR 300.
Under normal conditions, the remote control should be used within a range of 6 metres, in the direction of the sensor and in a area of 30 degrees. Point the remote control toward the sensor window to operate the device. There should be no large barriers between the remote control and the device.
The remote control sensor can lose its reception function if exposed to direct sunlight. In this case, you should move the DAR 300 to another location.
If the remote control does not work or the operating range becomes smaller and smaller, make sure that the remote control still has contact or replace the batteries if necessary. Never mix different battery types or new batteries with used batteries. To prevent damage from possible battery fluid leaks, remove the batteries from the remote control, if not used for extended periods of time.

Chapter

6

Installation



You should always switch off the DAR 300 and your other systems when working on the wiring!

To make sure that the DAR 300 is working correctly, you should check the time settings immediately after you first switch it on and correct if necessary.

Use Cinch cables to connect the analogue inputs and outputs of the DAR 300 to your Hi-fi amplifier. If using an amplifier with digital input and output, use an appropriate cable to connect one of the digital inputs and outputs of the DAR 300 to the amplifier. If using a scart cable to connect the DAR 300 to a TV, you can use the extended menu display and view digital photos on the screen. You must connect the DAR 300 to an AV jack on your TV and configure it there similar to a video recorder. More information is available in the user's manual of your TV.

After connecting the DAR 300, amplifier and TV, plug the DAR 300 into the mains switch (on the rear panel).

Chapter

7

The DAR 300 in a network

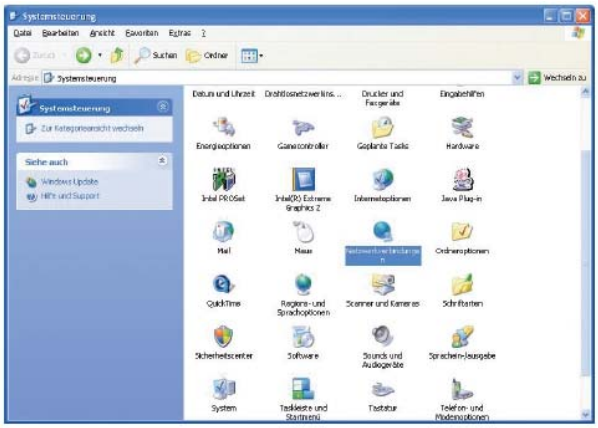
Connecting to a individual computer
If you want to connect the DAR 300 to a PC directly via Ethernet, please use a cross-over cable.

Connecting to a network
Use a standard Ethernet cable to connect the DAR 3000 to the switch or router in an existing network.
You can also connect the DAR 300 to a WLAN wireless network using the USB WLAN adapter. Plug the USB WLAN adapter into the USB connection on the rear panel.

! **Note:** The USB WLAN adaptor is not part of the standard scope of delivery. arcus accepts responsibility for the function of the USB WLAN adapter offered by arcus only.

Configuring an individual computer to network with the DAR 300
To connect the DAR 300 to an individual PC that has not been configured for a network, leave the DAR 300 presettings as they are and change the following settings on the PC:

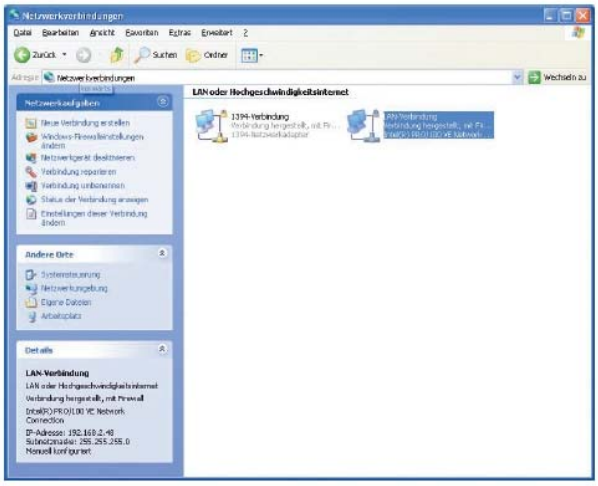
! **Note:** The DAR 300 can also be manually configured to have a fixed IP address. Basic knowledge of computer networks is required. Experts familiar with computer networks can remove or set the required settings and information for the configuration in the Network menu. The following describes the configuration in AUTO mode, which is also very easy to understand for the non-expert.



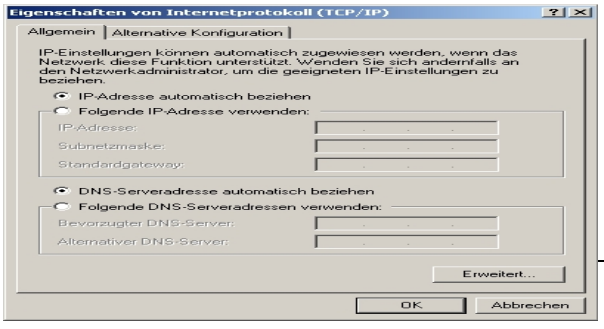
Under Windows (the example shows Windows XP)

Open "Network Connections" in the Control Panel.

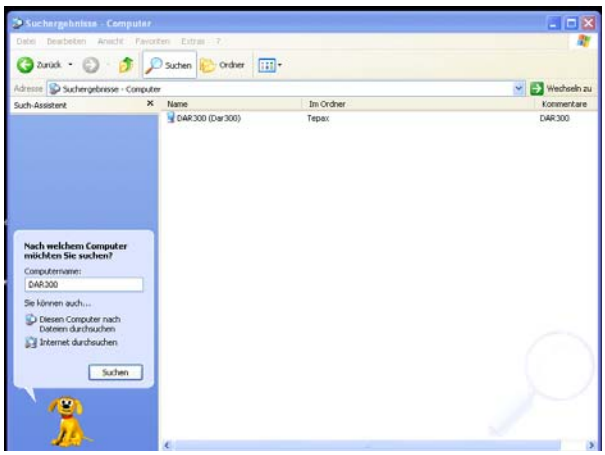
Right click on "Local Area Connection" and select "Properties".



The "Local Area Connection Properties" dialog box appears. The "Client for Microsoft Networks" and "Internet Protocol (TCP/IP)" points in the middle box must be visible and enabled (checkmark).
Now select "Internet Protocol (TCP/IP)" and click on "Properties".



Select "Obtain an IP address automatically".
This completes the basic network configuration. You must now make a few settings changes for the network to recognise the DAR 300 as an external hard drive.



Accessing the DAR 300's hard drive on the network

Of the various options for accessing the DAR 300's hard drive from a PC, perhaps the easiest way is by using the "Browse computer" function.
In the Control Panel, click on "Search" and then select "Computers or people". Enter "Arcus DAR" as the computer name and then click on "Search". The DAR 300 is displayed on the right side after a few seconds.

Double-click on the " Arcus DAR " icon in the results window
to display the content of the DAR 300 hard drive in the Windows Explorer.
You can now access the directories, files and file properties with the mouse and keyboard as usual. You can also copy any files from your PC hard drive to the DAR 300 hard drive (e.g. drag-n-drop, i.e. by "dragging" the files from one window to another).

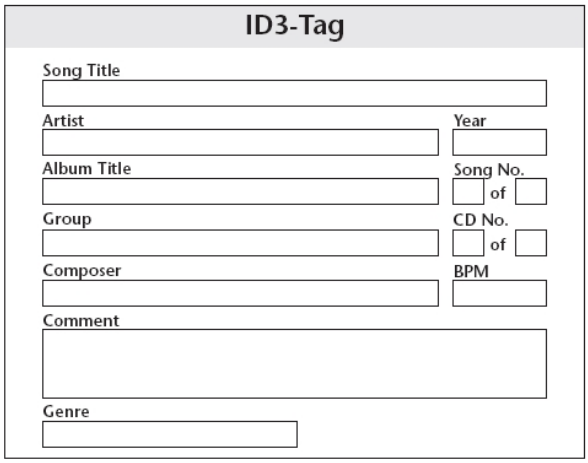
Please note the basic file structure of the DAR 300.

All audio files are located in the **"Music" directory**. When copying music files, make sure that you copy them into this directory or a subdirectory of this main folder. Otherwise, your music files will not be included in the music database of the DAR 300.
All picture files are located in the **"Photo" directory**. When copying picture files, make sure that you copy them into this directory or a subdirectory of this main folder. Otherwise, your picture files will not be included in the photo database of the DAR 300.
Any files can be in the **"Files" directory**, e.g. video files that should be played on video network players. The DAR 300 does not see the "Files" directory. You can save files of any type there and also use the DAR 300 hard drive as a backup drive.
Note: The DAR 300 can only see audio files (MP3, Ogg Vorbis, FLAC and WAV) on the „Music" drive and picture files (bmp, jpg, Tiff, gif, png) on the "Photo" drive.
! **Note:** These three main directories cannot be renamed.

Moving music and photos between the computer and the DAR 300
You can easily copy individual audio and picture files, as well as folders (incl. subfolders) to the DAR 300 "Music" or "Photo" drive by drag-n-drop. No special software is required. Of course, you can also copy files from the DAR 300 back to the PC or listen to audio files or view picture files saved on the DAR 300 on the PC.

! The DAR 300 stores music and photos on an internal hard drive. You should regularly back up your files to prevent data loss.

Assigning information to the music files (editing tags with the PC)
Tags (e.g. ID3 tag for MP3 format) can be used to assign information about artist, title, album, genre, etc. to each audio file.
It is recommended that you carefully assign such information to your audio files. The DAR 300, like any other audio player, uses this information to assign the files to categories, e.g. "Artist" or "Genre" based on these tags. The tag is even used to identify the title of the song.



Say, for example, you want to convert an audio CD to MP3 format. Without the ID3 tag for the songs, the CD is displayed as "Unknown album" from an "Unknown artist" with titles 01, 02, 03.
Online databases such as www. freedb.org, which contains most CDs, are a big help when editing tags. Many software products for creating and managing MP3 files provide direct access to such databases. How the tags are assigned depends on the software on your PC that you use to create and manage audio files. The software user guide contains more information about this. The figure to left shows, for example, which information can be saved in a tag.
Like files or folders, edited playlists can easily be copied via drag-n-drop to the DAR 300, although with playlists you should make sure that relative paths are used. To avoid problems such as this, the easiest thing to do is create your playlists on the music drive of the DAR 300 directly. Playlists can be created on the DAR 300 directly or from a PC on the network.

Chapter

8

Basic functions

1. Turning the DAR 300 on and off

The central mains switch is located on the rear panel above the mains plug. Turn the switch to ON (symbol I) after connecting all your components.

The red ⏻ button on the remote control and the On/ Standby button on the DAR 300 are used to turn the device on or off, as well as to go into standby mode.

There are three operating states:

1) Off – The DAR 300 uses no power.
2) On – The DAR 300 is ready to play music and/or show pictures, etc.
3) Standby – The DAR 300 is in standby mode and requires only minimal power. The advantage of standby mode is that it take just a few seconds to turn the device back on.

To turn the device on, off or go into standby mode:

Turn on: Press ⏻ briefly.

Standby: Press ⏻ briefly.

Turn off: Press ⏻ longer, regardless of whether the device is on or in standby mode.

2. Play

2.1 Using the remote control:

Play: Press ⏵.
The selected song or songs contained in the selected album, genre, etc. are played.
Pause: Press ⏸.
Play is interrupted.
Press ⏸ again.
Play continues.
Index forward/fast forward:
Briefly press ⏭ during play.
The next music file is selected.
Briefly press ⏭ more than once to select the desired title (page forward).
Press and hold ⏩ during play.
Fast forward (scan mode) is enabled.
Index reverse/fast rewind:
Briefly press ⏮ during play.
The current title begins from the start.
Briefly press ⏮ more than once to select the desired title (page back).
Press and hold ⏪ during play.
Fast rewind (scan mode) is enabled.
Stop: Press ⏹ during play.

2.2 On the DAR 300 directly:

Play: Press ⏵.
The selected song or songs contained in the selected album, genre, etc. are played.

Pause: Press ⏹ ⏸ briefly.
Play is interrupted.

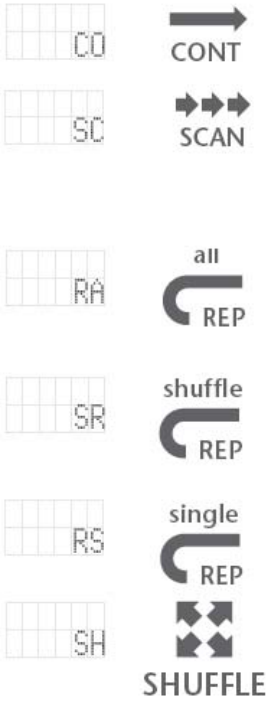
Briefly press ⏹ ⏸ again.
Play continues.
Index forward/fast forward:
Briefly press ⏭ ⏩ during play.
The next music file is selected.
Briefly press ⏭ ⏩ more than once to select the desired title (page forward).
Press and hold ⏭ ⏩ during play.
Fast forward (scan mode) is enabled.
Index reverse/fast rewind:
Briefly press ⏪ ⏮ during play.
The current title begins from the start.

Briefly press ⏮ more than once to select the desired title (page back).
Press and hold ⏮ during play.
Fast rewind (scan mode) is enabled.
Stop: Press ■ ⏸ longer during play.

Important: To prevent data loss, always turn the device off by pressing the ⏻ button for a few moments before you disconnect it from the mains supply by pressing the mains switch (on the back of the housing).

2.3 Play modes

You can toggle between the play modes Normal, Scan, Repeat All, Shuffle Repeat, Repeat Single and Shuffle.
You can select the desired play mode by pressing the ⟲ button (repeatedly) on the remote control or from the context menu (by pressing ST on the remote control) if you have called up the status window.



Normal (Continuous – CO – CONT):
The songs from the current playlist are played in sequence one after another.
Scan (Scan – SC – SCAN):
The songs from the current playlist are played in sequence. Since many songs may not have much music at the beginning, a sample is taken from later in the song.
Repeat All (Repeat All – RA – all REP):
The songs from the current playlist are played in the given order until the playback is complete.
Shuffle Repeat (Shuffle Repeat – SR – shuffle REP):
The songs from the current playlist are played in random order until the playback is complete.
Repeat Single (Repeat Single – RS – single REP):
The current song is continually repeated.
Shuffle (Shuffle – SH – SHUFFLE):
The songs from the current playlist are played in random order one after another.

Chapter

9

1. The DAR 300 menu structure

Music	CD	Photo	Web Radio	Tools	Options
Playlist	Tracks	Thumbnail View	Favourites	Copy CD	Photo
Albums		Photo Explorer	Recent Stations	Backup	Webradio
Artists		Photo CD	Station List	Restore	Record
Songs		Extenal Devices	Suchen	Format ext. Device	Screensaver
Genres			Enter URL	Rebuild Music-DB	CD-Import
Search			Get Stations	Rebuild Photo-DB	CD-Database
Musik Explorer				Statsistic	Languages
Externe Devices				Show Versions	Time / Date
Record				Update Software	Network
				Update Database	

2. The menu functions

2.1.1 Using the remote control:

Scroll:

Scroll up or down using ▼ and ▲.

Go to the next / previous initial using ▶ and ◀ (if you are in a list sorted alphabetically).

OK/enter/one level deeper: Press OK.

Back / one level higher: Press ⏎.

Calling up the context menu: Press ☰.

Hiding the context menu: Press ☰ again (or press ⏎).

Return to the main menu: Press M.

2.1.2 On the DAR 300 directly:

Scroll:

Turn the control knob to the right to scroll down or right.

Turn the control knob to the left to scroll up or left.

OK/enter/one level deeper: Press the control knob.

Back / one level higher: Press ⏎.

Calling up the context menu: Press ☰ (or press ⏎).

Return to the main menu: Press ⏎ longer.

Note: Different context menus are available depending on the menu you are in and what you have selected.

2.2 Enter text

You can enter or change text in some menus and context menus. Proceed as follows:

2.2.1 Using the remote control:

Use ▼ or ▲ to select the respective entry.

Press OK.

The cursor is under the last field of the entry.

Use ▶ or ◀ to move the cursor left or right.

Press ⏎ to delete individual fields from right to left.

Press ⏎ longer to delete the entire entry.

Select letters or numbers for the field you are in using the number/letter blocks on the remote control.

When the cursor is under the last field:

Press OK to insert a new field at the end of the entry.

When you are done:

Press OK longer or ☰.

Press **OK** to confirm the changes.

Press **Cancel** to discard the changes.

PRESS OK.

Note: Press ① longer in the number / letter block on the remote control to toggle between small and capital letters.

2.2.2 On the DAR 300 directly:

Turn the control knob to select the respective entry.
Press the control knob.
The cursor is under the last field of the entry.
Press ⮌ to delete fields from right to left.
Press ⮌ longer to delete the entire entry.
Select letters or numbers for the field you are in by turning the control knob.
When the cursor is under the last field:
Press the control knob to insert a new field at the end of the entry.
When you are done:
Press ☰.
Press **OK** to confirm the changes.
Press **Cancel** to discard the changes.
Press the control knob.

2.3 The icons

If you have connected the DAR 300 to a TV, a small icon precedes each menu item. At any time, you can clearly identify what the item entails by the icon:

Playlist

Albums

Artists

Title

Genre

Folder

Photo

2.4 The status window

❶ Auszug aus der aktuellen Playlist.
❷ Songtitel
❸ Künstler
❹ Album
❺ Abgelaufene Zeit (optional: verbleibende Zeit)
❻ Song Nr. / Gesamtanzahl der Songs in der Playlist
❼ Playmode

The status window displays all important information about the title currently being played. If you have connected the DAR 300 to a TV, the status window is always visible. The status window is only displayed on the DAR 300 as needed.
An excerpt from the current playlist is displayed on the TV. Songs already played are in blue, songs to be played are in grey. The song currently being played is identified by an arrow. After the first eight songs of the current playlist have been played, the screen display automatically scrolls down.

Calling up the status window:

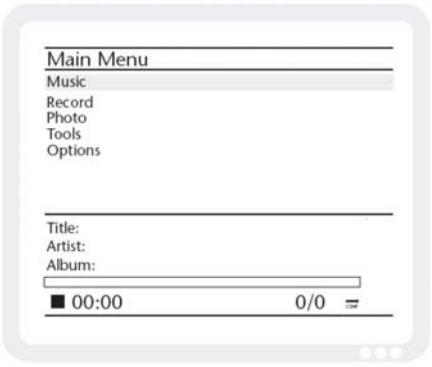
Using the remote control:
Press ST.
or press ⏎ in the main menu.

On the DAR 300 directly:
Press ⏎ in the main menu.

Chapter

10

Functions and settings



10.1 The main menu

The main menu is displayed after turning the DAR 300 on.
Use ▼ or ▲ to select the desired menu item and press OK to go to sub-menu from the main menu.

10.2 Music menu

Use ▼ or ▲ to select the desired menu item and press OK to go to sub-menu from the music menu.

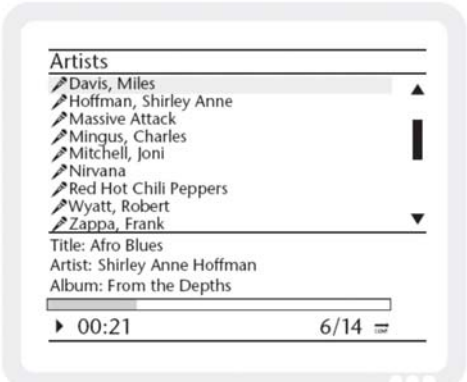
10.2.1 Playlist

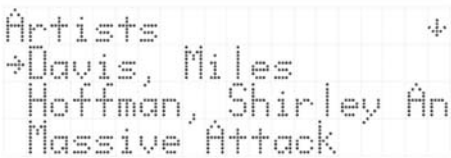
A list of all songs contained in the current playlist are displayed in the Playlists window.
Add a song, album, etc. to the current playlist by playing the song, album, etc. (press ▶), or
Press OK / "Add to playlist" from the respective context menu to add the current song, album, etc. or from the remote control directly (PL+).

A playlist can have a maximum of 999 entries. If this number is exceeded, existing entries are automatically overwritten (oldest first).

10.2.2 Selecting albums

An overview of all albums saved on the DAR 300 hard drive is displayed. To associate songs with an album, the name of the album must be entered in its tags.
To play an entire album, use ▼ or ▲ to select the desired album and press ▶.
To display a list of the songs on an album, use ▼ or ▲ to select the desired album and press OK.



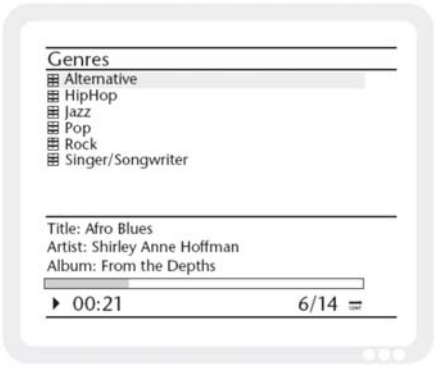


10.2.3 Selecting artists

An overview of all artists is displayed. To assign a song to an artist, the name of the artist must be entered in its tag.
To play all the songs from a specific artist, use ▼ or ▲ to select the desired artist and press ▶.
To display a list all the albums and/or songs from a specific artist, use ▼ or ▲ to select the desired artist and press OK.

10.2.4 Selecting titles

An overview of all songs saved on the DAR 300 hard drive is displayed. To display a song with its title, the title of the song must be entered in its tag.
To play a song, use ▼ or ▲ to select the desired song and press ▶.



10.2.5 Selecting a genre

An overview of all genres is displayed. To assign a song to a genre, the genre must be entered in its tag.
To play all the songs from a specific genre, use ▼ or ▲ to select the desired genre and press ▶.
To display a list of all songs from a specific genre, use ▼ or ▲ to select the desired genre and press OK.

10.2.6 Selecting

Search main catalogue
You can search for terms in the main catalogue (title, artist, album) and display all hits that contain your search term.
For example, if you are searching for "Beatles", all songs whose tag includes "Beatles", "The Beatles" or even "Beatles, the" are listed. When sorted alphabetically by "Albums", these three entries are displayed as three different artists.

Search file names
You can search by file name to display all hits that contain your search term.
If you search for "Love", all songs whose tag contains "Love" in the "Title" field (e.g. "Love hurts", "My one and only love", etc.) are listed.

Search all categories
You can search for all entries in the database, even if the entries do not correspond to any of the main categories. All hits are displayed that contain your search term.
If you have noted information such as year released or composer in the ID3 tags, you can search for "2003" or "Mozart" to display a list of all the songs released in 2003 or all works composed by W.A. Mozart.

10.2.7 Selecting Musik Explorer

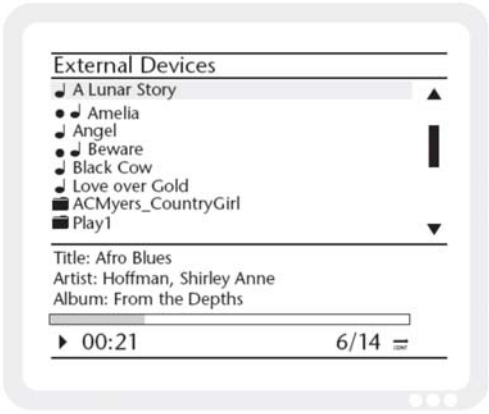
The DAR 300 Music Explorer displays the folder structure of the "Music" drive as folders, subfolders and files. The Music Explorer only displays audio files in formats that the DAR 300 can play.

Note: The Music Explorer does read any tags. It makes sense to structure the content of the hard drive well in order to make finding files using the Explorer easier. One option, for example, would be to name the top-level folder by the various artists and name the subfolders by the album of the artists.

To display a list of all songs contained in a folder, use ▼ or ▲ to select the desired folder and press OK.

To play all the songs in a specific folder, use ▼ or ▲ to select the desired folder and press ▶.

Press ↩ to return to the next-highest level.



10.2.8 Externe Geräte Devices

If you have connected an external device to the USB connection on the DAR 300, you can import music from the device into the DAR 300.

The DAR 300 searches for connected devices when you select "External device". If a device is recognised, a list of its folders and songs is displayed, e.g. as in Music Explorer.

To prepare songs for import, use ▼ or ▲ to select the desired song and press OK. You can select multiple songs one after another. The selected songs are added to the import list and marked by an arrow in the menu. To remove a song from the import list, select it and press OK again. Use the context menu to import the songs into the import list and to prepare folders for import.

10.2.9 Recording

The DAR 300 can also rip music into MP3 format directly and save it to the hard drive. Other available formats include WAV and FLAC (Free Lossless Audio Codec).

Aufnahme starten

When playing from CD, LP or radio:

Press ● for a few moments to start recording.
(or select "Start Recording" in the record menu and press OK.)
Press ■ to stop recording.
After you are finished recording, a text input field appears that you can use to assign tags to the recording (title, artist, etc.).

10.3 The context menus in the Music menu

Different context menus are available depending on the menu you are in and what you have selected.

10.3.1 When in the status window:

Press ▤. The context menu is called up.

Show Elapsed Time

Press OK.
The time elapsed for the current title is displayed.

Show Remaining Time

Press OK.
The time remaining for the current title is displayed.

Normal (Continuous) / Scan / Repeat All / Repeat Shuffle / Repeat Single / Shuffle

Use ▼ or ▲ to select the desired play mode.
Press OK.

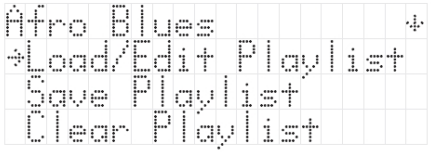
10.3.2 If you have selected an individual song:

Press ☰. The context menu appears.
You have the following options:

Add to Playlist
Press OK.
Adds the selected song to the playlist.
Clear Playlist
Press OK. Deletes the current playlist.
Play Complete Album
Press OK.
Plays the complete album to which the song belongs (if assigned to a song with a tag).
Delete Song
Press OK. Deletes the selected song.
Info
Press OK.
Displays information about the selected song (tag). You can edit this information.
Use ▼ or ▲ to select the entry that you want to modify.
Press OK. You can now edit the text.
Properties
Press OK.
Displays the song's properties (bit rate, etc.). You cannot modify this information.

10.3.3 If you have selected an individual song in the playlist:

Press ☰. The context menu appears.
You have the following options:

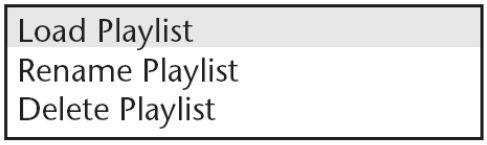


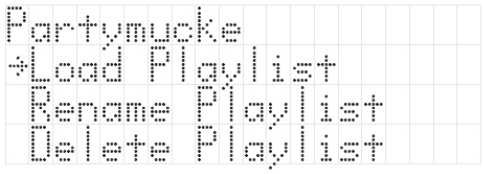
Load / Edit Playlists
Press OK.
A list of all saved playlists is displayed.
Use ▼ or ▲ to select the desired playlist.
Press ▶ to play the playlist.
Press OK to display a list of all songs contained in the playlist.
Save Playlist
Press OK. An input screen appears.
You can now assign a name to the playlist.
Clear Playlist
Press OK.
All entries in the current playlist are deleted.
Move Entry
Press OK.
Use ▼ or ▲ to move the selected entry up or down.
You can change the order in which the songs are played in your playlist.

Remove Entry
Press OK.
The selected entry is deleted from the playlist.
Export Playlist
Press OK.
All entries in the current playlist and an M3U playlist that contains the order of the songs are copied to an external media (memory card, portable player).
If there is more than one memory card in the DAR 300 or a USB device is connected, a window appears in which you can select the desired media.
Burn CD
Press OK.
You are then asked whether you want to burn a data CD or audio CD.
If you select a data CD, the audio file is burned to the CD blank in the existing digital format 1 to 1. If you select an audio CD, the CD blank is burned as an audio CD, so that it can be played on audio CD players. You should note that CDs you burn yourself do not always play on any audio CD player.
Use OK to select the CD type or ⮌ to abort the procedure.
When you start the procedure, you are asked to insert a blank CD into the drive, if you have not done so already. Once a blank CD with enough memory capacity has been inserted, the burn procedure starts as indicated on the display.
Note that the procedure can take a few minutes depending on the file size and file format.

Info
Press OK.
Displays information about the selected song (tag). You can edit this information.
Use ▼ or ▲ to select the entry that you want to modify.
Press OK.
Properties
Press OK.
Displays the song's properties (bit rate, etc.). You cannot modify this information.

10.3.4 **If you have selected a saved playlist:**

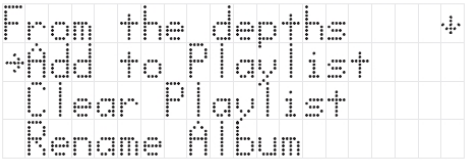




Press ☰. The context menu appears.
You have the following options:

Load Playlist
Press OK. The playlist is loaded.
Press ▶. The playlist begins to play.
Rename Playlist
Press OK.
You can change the name of the playlist.
Delete Playlist
Press OK.
Use ▶ or ◀ Select **Yes** if you want to really want to delete the playlist.
Select **No** if you do not want to delete the playlist.
Press OK.

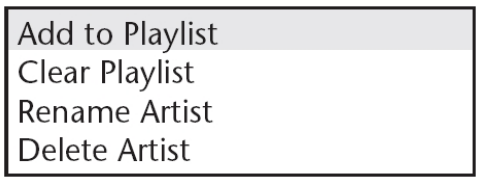
10.3.5 **If you have selected an album:**

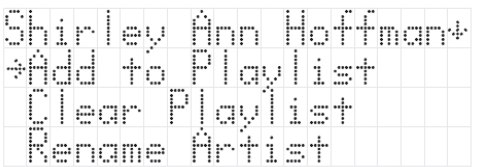


Press ☰. The context menu appears.
You have the following options:

Add to Playlist
Press OK. Adds the selected album to the playlist.
Clear Playlist
Press OK. Deletes the current playlist.
Rename Album
Press OK.
You can change the name of the album.
Delete Album
Press OK.
Use ▶ or ◀ Select **Yes** if you want to really want to delete the album.
Select **No** if you do not want to delete the album.
Press OK.

10.3.6 **If you have selected an artist:**



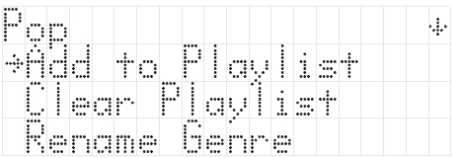


Press ☰. The context menu appears.
You have the following options:

Add to Playlist
Press OK.
Adds all songs from the selected artist to the playlist.
Clear Playlist
Press OK. Deletes the current playlist.
Rename Artist
Press OK.
You can change the name of the artist.

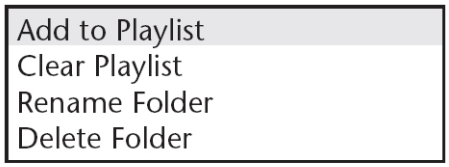
Delete Artist
Press OK.
Use ▸ or ◂ Select **Yes** if you want to really want to delete all songs from the specific artist.
Select **No** if you do not want to delete the songs from the specific artist. Press OK.

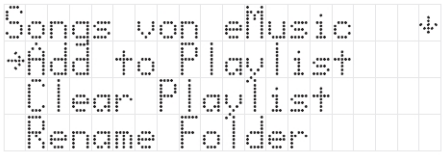
10.3.7 **If you have selected a genre**:
Press ▤. The context menu appears.
You have the following options:



Add to Playlist
Press OK. Adds all songs from the selected genre to the playlist.
Clear Playlist
Press OK. Deletes the current playlist.
Rename Genre
Press OK.
You can change the name of the genre.
Delete Genre
Press OK.
Use ▸ or ◂ Select **Yes** if you want to really want to delete all songs from the specific genre.
Select **No** if you do not want to delete the songs from the specific genre.
Press OK.

10.3.8 **If you have selected a folder in the Music Explorer:**
Press ▤. The context menu appears.
You have the following options:

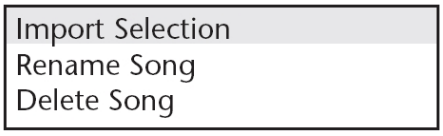


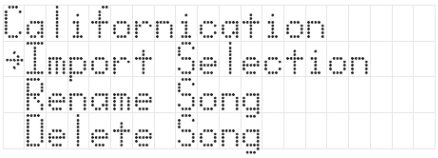


Add to Playlist
Press OK. Adds all songs contained in the selected folder to the playlist.
Clear Playlist
Press OK. Deletes the current playlist.
Rename Folder
Press OK.
You can change the name of the folder.
Delete Folder
Press OK.
Use ▸ or ◂ Select **Yes** if you want to really want to delete all songs contained in the selected folder.
Select **No** if you do not want to delete the songs contained in the selected folder.
Press OK.

10.3.9 **If you have selected a song from an external device:**

Press ☰. The context menu appears.
You have the following options:





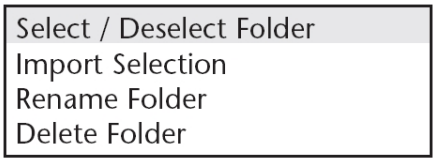
Import Selection
Press OK. An input screen appears.
You can enter a path to which all selected songs and folders should be imported. The default folder is DAR 300/`Music`. If you add, for example, `JoggingSongs` to the end of the path, the selected songs are copied to this folder. If you enter a folder that does not yet exist, it is created. If you do not want to change the default path, press OK for a few moments to start the import. The selected songs are imported into the "Music" directory.

Rename Song
Press OK.
You can change the name of the song.

Delete Song
Press OK.
Use ▶ or ◀ Select **Yes** if you really want to delete the song on the memory card/external device.
Select **No** if you do not want to delete the song.
Press OK.

10.3.10 **If you have selected a folder from an external device:**

Press ☰. The context menu appears.
You have the following options:



Select / Deselect Folder
Press OK.
The selected folder is added to the import list.
Press OK again.
The selected folder is removed to the import list.

Import Selection
Press OK. An input screen appears.
You can enter a path to which all selected folders should be imported.
The default folder is DAR 300/`Music`. If you add, for example, `JoggingSongs` to the end of the path, the selected folders are copied to this folder. If you enter a folder that does not yet exist, it is created.
If you do not want to change the default path, press OK for a few moments to start the import. The selected folders are imported into the "Music" directory.

Rename Folder
Press OK.

You can change the name of the folder.
Delete Folder
Press OK.
Use ▸ or ◂ Select **Yes** if you really want to delete the folder on the memory card/external device.
Select **No** if you do not want to delete the folder.
Press OK.

10.4 CD menu

10.4.1 Selecting CD and importing / converting

Select the CD player function of the DAR 300 with the CD option. If there is not CD in the drive, the "CD cannot be read" error message is displayed and you are prompted to insert a CD.
Use the buttons on the device itself or the remote control with the familiar icons to operate the CD drive.
Play: The ▸ or ▸ button on the remote control
Pause/Stop ■ ⏸ or ⏸ button and ■
Fast forward Press ⏭ ⏩ for a few moments or ⏩
Fast rewind Press ⏪ ⏮ for a few moments or ⏪
Next title Press the ⏭ ⏩ button briefly or ⏭
Previous title Press the ⏪ ⏮ button briefly or ⏮
Note: The CD can only be ejected by pressing the ⏏ button on the device itself.

Once a CD is placed in the tray and the drawer is closed, the following information is read from the CD:

1. Total play time of the audio CD
2. Number of titles on the audio CD
3. Length of the individual titles on the audio CD

The information is then compared with the internally integrated title database to gain an inference about the audio CD inserted. The name of the album, name of the artist, genre, year and the individual names of the songs on the audio CD are based on this information.
If there is more than one entry found, the first entry found is used. You can edit and modify the title later, when you copy the CD to the hard drive.
If no entry is found (i.e. the CD is unknown), the DAR 300 attempts to find the information on the Internet. "FreeDB" must be set in the Options menu of the "Hard drive and Internet" setting. The DAR 300 attempts to contact the Internet database and extract the necessary information there only when this option also includes the Internet.
If access to the Internet is prohibited by the Options setting, an Internet connection cannot be established or the CD is also not recognised in the FreeDB Internet database, the default values

"Unknown artist", "Unknown album", etc. and "Track 01", Track 02", etc. are used for the titles.
All title information about the CD is displayed and you can play the entire audio CD by pressing the play button (▸ or ▸ on the remote control) beginning with the first title. You can select a different starting title using the dial or the ▲ and ▼ arrow buttons. The abovementioned buttons on the remote control or device are used to operate the CD player itself.

10.4.2 Importing / converting audio CDs

Press the ▤ context menu and select the "Select All" option. To select only individual titles, choose the "Select Entry" option in the context menu of each title.
Press the ▤ context menu again and select the "Import Selection" option.
The files are then converted, i.e. each title on the audio CD is transferred to the hard drive in digital format. The conversion depends on the parameters set in the "CD Selection" in the Options menu, e.g. in MP3 format in CD quality. To abort the procedure, call the "CD" menu in the "Music" menu item again. The system displays information about which title is currently being converted and you have the option to cancel the procedure entirely.
If you convert an audio CD more than once, the DAR 300 automatically assigns new file names. No files or data is deleted.
It is best to use the File Explorer on your computer to modify the directory names, the file names and the ID3 tags (for MP3 files) as needed.

10.5 Foto menu

If you have connected a TV to your DAR 300, you can view digital photos. The DAR 300 can display photos in the following formats: bmp, jpg, Tiff, gif and png.

10.5.1 Selecting Thumbnails

The thumbnail view displays the folders of the "Photo" drive with the folder icon. A small preview of the photos is displayed.
To select a folder or picture, use ▼, ▲, ▶ and ◀ to go to the respective folder icon and press OK.
All four ▶, ◀, ▲ and ▼ arrow buttons are used to go to the next or previous photo. The file name of the currently displayed photo appears on the display of the DAR 300.
Press ↩ to return to the next-highest level.

10.5.2 Selecting Foto Explorer

The DAR 300 Photo Explorer displays the folder structure of the "Photo" drive as folders, subfolders and files. The Photo Explorer only shows picture files in formats that the DAR 300 can display.
To display a list of all photos contained in a folder, use ▼ or ▲ to select the desired folder and press OK.
To display a photo on the screen, use ▼ or ▲ to select the desired photo and press OK.
▼ or ▲ can be used to go to the next or previous photo. The file name of the currently displayed photo appears on the display of the DAR 300.
Press ↩ to return to the next-highest level.

10.5.3 Photo CD

Identical to Photo Explore, except here the CD is used as a database.

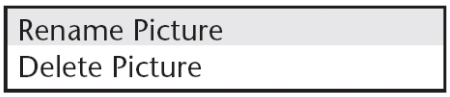
10.5.4 Selecting Externe Geräte

If you have connected an external device to the USB connection on the DAR 300, you can import photos from the device or the memory card into the DAR 300.
Once the DAR 300 recognises the device or memory card, a list of folders and photos contained is displayed as in Photo Explorer.
To prepare photos for import, use ▼ or ▲ to select the desired photo, press ☰ to open the context menu and choose "Select / Deselect".
You can select multiple photos one after another. The selected photos are added to the import list and marked by an arrow in the menu. To remove a photo from the import list, press ☰ to open the context menu and choose "Select / Deselect". Use the context menu to import the photos into the import list and to prepare folders for import.

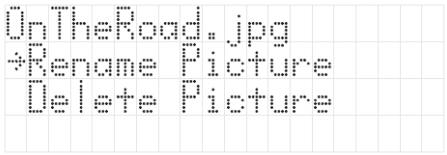
10.6 The context menus in the Photo menu

10.6.1 If you have selected a picture in the Photo Explorer:

Press ▤. The context menu appears.
You have the following options:



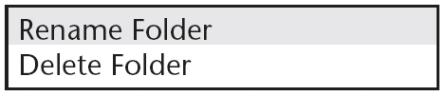
Rename Picture
Press OK.
You can change the name of the picture.



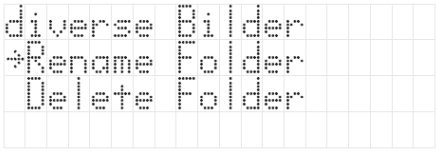
Delete Picture
Press OK.
Use ▸ or ◂ Select **Yes** if you want to really want to delete the picture.
Select **No** if you do not want to delete the picture.
Press OK.
Play Slideshow
Press OK.
The pictures in the selected directory are displayed in order. The display time depends on the settings in the Options menu photo selection. Stop the show (continuous loop) by pressing ⏎.
Set Slideshow (as a screensaver)
Press OK.
This directory with its pictures was designated as the directory from which the pictures are displayed in the Set Slideshow mode

10.6.2 If you have selected a folder in the Photo Explorer:

Press ▤. The context menu appears.
You have the following options:



Rename Folder
Press OK.
You can change the name of the folder.
.

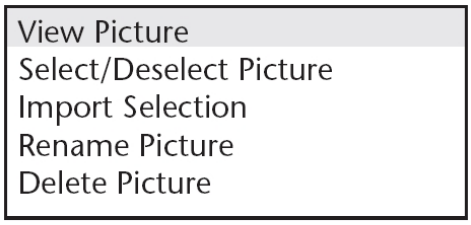


Delete Folder
Press OK.
Use ▸ or ◂ Select **Yes** if you want to really want to delete the folder.
Select **No** if you do not want to delete the folder.
Press OK.
Play Slideshow
Press OK.
The pictures in the selected directory are displayed in order. The display time depends on the settings in the Options menu photo selection.
Stop the show (continuous loop) by pressing ⏎.

Set Slideshow (as a screensaver)
Press OK.
This directory with its pictures was designated as the directory from which the pictures are displayed in the Set Slideshow mode.

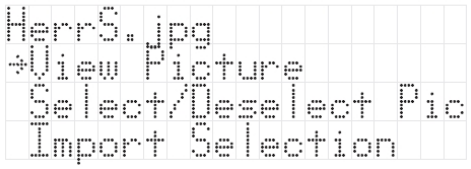
10.6.3 If you have selected a photo from an external device:

Press ▤. The context menu appears.
You have the following options:



Select/Delete Picture
Press OK.
The selected picture is selected or deselected.

Import Selection
Press OK. An input screen appears.
You can enter a path to which all selected pictures should be imported.
The default folder is DAR 300/`Photo`. If you add, for example, `Vacation04` to the end of the path, the selected pictures are copied to this folder. If you enter a folder that does not yet exist, it is created.
If you do not want to change the default path, press OK for a few moments to start the import. The selected pictures are imported into the "Photo" directory.



Rename Picture
Press OK.
You can change the name of the picture.

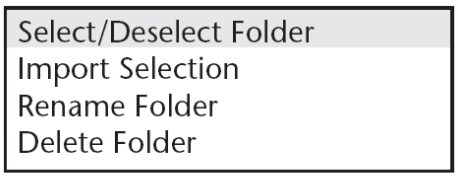
Delete Picture
Press OK.
Use ▸ or ◂ **Yes** if you want to really want to delete the picture.
Select **No** if you do not want to delete the picture.
Press OK.

10.6.4 **If you have selected a folder from an external device:**

Press ▤. The context menu appears.

You have the following options:

Select / Deselect Folder



Press OK.

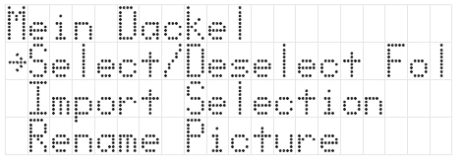
The selected folder is marked for import.

Press OK again. The folder is removed to the selection list.

Import Selection

Press OK. An input screen appears.

You can enter a path to which all selected folders (see above) should be imported.



The default folder is DAR 300/`Photo`. If you add, for example, `Vacation04` to the end of the path, the selected folders are copied to this folder. If you enter a folder that does not yet exist, it is created.

If you do not want to change the default path, press OK for a few moments to start the import. The selected folders are imported into the "Photo" directory.

Rename Folder

Press OK.

You can change the name of the folder.

Delete Folder

Press OK.

Use ▶ or ◀ Select **Yes** if you want to really want to delete the folder.

Select **No** if you do not want to delete the folder.

Press OK.

10.7 **Web Radio**

An Internet connection is required for this function.

10.7.1 **Favourites**

Gives you a list of all of your favourite radio stations.

10.7.2 **Last heard**

Displays the last radio station you listened to.

10.7.3 **Station list**

Displays the list of all stations found. Can be sorted by genre.

10.7.4 **Search**

You can search for a radio station by entering the first letter of its name.

10.7.5 **Enter URL**

You can enter the Internet site of the radio station (comparable to the frequency setting for FM radio).

10.7.8 Get station list

The DAR 300 creates a station list of the radio stations currently being received.

10.8 Tools menu

Use ▼ or ▲ to select the desired menu item and press OK to go to sub-menu from the Tools menu.

10.8.1 Copy CD

Copies the CD currently in the drive. Please observe copy protection regulations.

10.8.2 Backup

The DAR 300 saves files on an internal hard drive. You can save the data externally in case you need to restore it later.
You can choose to backup all files, or just the music, pictures or file folders. Once you have selected the folders for backup, the DAR 300 asks whether you want to save to your network or an external USB hard drive. Follow the relative instructions on the display.
The procedure can take several minutes depending on the amount of data and the speed of your connection.
You cannot operate the DAR 300 during the procedure for security purposes.

10.8.3 Restore

If you have performed a data backup already, you can restore the data from the Restore menu item.
You are first asked to specify the location of your backup.
The data is then restored.
The procedure can take several minutes depending on the amount of data and the speed of your connection.
You cannot operate the DAR 300 during the procedure for security purposes.

10.8.4 Formatting an external device

If you want to save data on an external source (e.g. external hard drive, USB stick), it must be formatted before it can be used for the first time. Please note that any data already on the external memory source will be deleted by this procedure.

10.8.5 Rebuild Music DB

The DAR 300 automatically recognises audio files and adds them to its database. However, if for some reason music files that you have copied to the DAR 300 are not displayed in the menus, you can rebuild the database using this function.
The database must also be rebuilt after a firmware update.
Press OK.

Select **Yes** if you really want to rebuild the database.
Select **No** if you do not want to rebuild the database.
Press OK.
Note: It can take several hours to rebuild the database depending on the number of files!

10.8.6 Rebuild Photo DB

The DAR 300 automatically recognises pictures and adds them to its database. However, if for some reason picture files that you have copied to the DAR 300 are not displayed in the menus, you can rebuild the database using this function.
The database must also be rebuilt after a firmware update.
Press OK.
Select **Yes** if you really want to rebuild the database.
Select **No** if you do not want to rebuild the database.
Press OK.
Note: It can take several hours to rebuild the database depending on the number of files!

10.8.7 Statistics selection

Displays the number of files on the "Music", "Photos" and "Files" drives respectively. The free space on the DAR 300 hard drive is also displayed.

10.8.8 Versions selection

Displays the version number of the software, firmware, system and hardware.

10.8.9 Update firmware

When new firmware versions are available, they are posted at www.arcusaudio.com for download. Continuous development of the firmware ensures that your DAR 300 is always up-to-date, e.g. new functions, etc.
Please find exact instructions for updating the firmware in the installation instructions that come with the firmware when downloaded.
Note: After the update is complete, the DAR 300 database must be rebuilt, as well as all individual settings (e.g. Language) in the Options menu.

! Important:

arcus does not accept responsibility for damages caused by firmware updates.

10.8.10 Update FreeDB

If you put in an audio CD unknown in the integrated title database, the database automatically adds information about the CD if the DAR 300 is connected to the Internet. This assumes that the settings for FreeDB has been made in the Options menu for "Hard Drive and Internet" and the DAR 300 has access to the Internet via a router (e.g. DSL router) at any time.

10.9 Optionen Menu

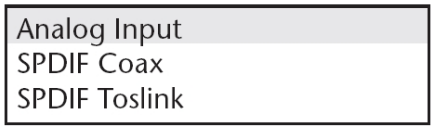
10.9.1 Photo

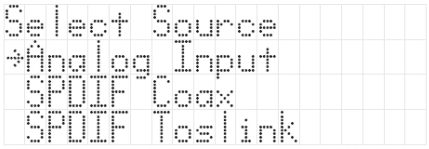
Enter your preferred settings for viewing pictures.
Press OK to toggle between ON and OFF for "Rotate Automatically". The default setting is ON.
Press ▼ to go to the "Display Time" subitem, turn the dial or press the number buttons on the remote control and press OK to accept the desired display time (see also 0).
Use ▼ or ▲ to change the respective values.
Press ▤ to finish.
Press OK to confirm the changes.
Press ▼ to select **Cancel** and press OK to discard the changes.
Press ↩ to exit the Photo menu.

10.9.2 Web Radio

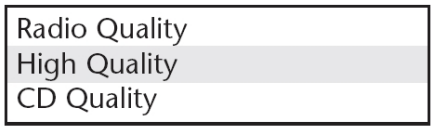
Enter the maximum number of stations listed in the station list.
The displayed number of stations last listened to.
The minimum and maximum bit rate of the stations received. The higher the bit rate, the better the quality of the station. News stations often transmit at lower bit rates. If you set the minimum data rate too high, stations at lower bit rates are not longer received.

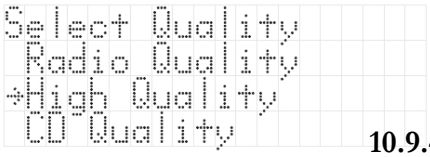
10.9.3 Recording





First specify which connection is used to connect the DAR 300 to the stereo system.
Select "Options" and press **OK**.
Select "Source" and press **OK**.
Choose the connection being used and press **OK**.
The presetting is "Analog Input".
Then specify the desired recording quality:
Select "Quality" and press **OK**.
Select the desired level of quality and press **OK**.





The presetting is "High Quality".
The standard values for MP3 format are:

- **Radio Quality** 96 kbps
- **High Quality** 128 kbps
- **CD Quality** 192 kbps
- **User-defined** can be defined up to 320 kbps

10.9.4 Screensaver

You can specify a folder with pictures to be automatically displayed as a continuous slideshow after a preset waiting period elapses in which no action is performed by remote control or by pressing a button on the device. This is interesting for automatic presentations, and the DAR 300 has already integrated such a slideshow beyond the important production functions. If a button on the device is pressed or the remote control is used, the slideshow is immediately stopped and the DAR 300 displays what was on the screen before the slideshow started. This behaviour is also described as a "screensaver", something you may already be familiar with on your PC/Mac. Press OK to toggle between ON and OFF for "Status". The default setting is ON. Only when the status is ON do you go to the following submenus by pressing ▼:
For "Waiting Period", enter when the slideshow should start if there is not keyboard activity. The entry is similar to "Display Time". Press ▼ to go to the "Display Time" subitem, where you can set the time in seconds.
The last entry to be displayed is the directory (folder) from which the pictures are displayed. The folder can only be specified from the context menu in Photo Explorer.
Exit the Screensaver menu by pressing ⏎.

10.9.5 CD Import

The parameters for converting audio CDs into a digital file format (e.g. MP3, WAV or FLAC) are set in this Options menu. Converting audio files can also be "CD ripping".
Press OK to toggle between ON and OFF for "Error Correction". The default setting is ON. If error correction is enabled, CDs that are hard to read can take considerable more time to rip, because areas on the CD that are hard to read must be read several times.

Press ▼ to go to the "Format" subitem and press OK to select the format. Confirm the desired conversion format (rip format) by pressing OK or cancel the procedure by pressing ↩. Press ▼ to go to the "Quality" subitem and press OK to select the level of quality. Press OK to confirm or cancel the operation by pressing ↩. Press ↩ to exit the CD menu.

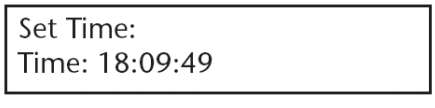
10.9.6 CD Database

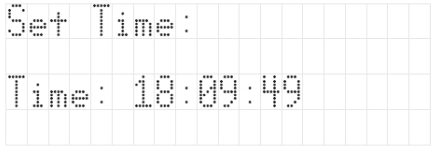
Use this menu to set whether title information should be pulled from the integrated title database (= "Hard Drive") only when a CD is put in the drive, or if the title information is not in the integrated title database, whether it should be downloaded from the Internet (="Hard Drive and Internet").
If the Internet is also used as a source for title information, ensure that the DAR 300 has access to the Internet via a router (e.g. a DSL router) at all times. If no Internet connection can be established, the procedure is cancelled after a period of time, which can lead to unnecessary wait times. Therefore, it is recommended that this parameter be set to "Hard Drive" if you are sure that no Internet connection can be established.
For "Mode", press OK to toggle between "Hard Drive" and "Hard Drive and Internet".
The default setting is "Hard Drive".
Press ↩ to exit the FreeDB menu.

10.9.7 Languages

Use this Options menu to select the menu language. Default is ENGLISH.
A list of languages is displayed that are available from the last firmware update.
Press ▼ or ▲ to select the respective language and press OK to confirm. The arrow shows which language has been selected. The selected language is applied immediately.
Press ↩ to exit this menu.

10.9.8 Date/Time





Set the date and time. Please check these settings (and correct if necessary) immediately after you first turn on the DAR 300 to make sure that the device is working properly. In "Set Time", press ▶ or ◀ to toggle between hours / minutes / seconds. Use ▼ or ▲ to change the respective values.
Press ☰.
Press OK to confirm the changes.
Press ▼ to select **Cancel** and press OK to discard the changes.
In "Set Date", press ▶ or ◀ to toggle between day / month / year. Use ▼ or ▲ to change the respective values.
Press ☰.
Press OK to confirm the changes.
Press ▼ to select **Cancel** and press OK to discard the changes.

10.10 Network

Every PC in a network has its own identification number, the IP address. Depending on the configuration, this number is either automatically or manually assigned to the individual PCs, or in this case the DAR 300.

! **Important:** A DAR 300 connected to a signal PC (directly or via a router or hub) represents a "network".

The IP address allows any computer on the network to recognise the DAR 300 and the user can
copy, delete or rename the files or modify properties (e.g. title information). Folders can be modified just the same.
The advantage of a fixed IPI address is that the DAR 300 does not receive a new IP address every time it is restarted, but is always accessible at this address. The disadvantage is that the user has to plan his network. No planning is required if an automatic IP address is used.
The default setting for the DAR 300 is to obtain the IP address automatically.
Some of the following parameters should therefore only be changed by users who have a basic knowledge of computer networking.

Device: Ethernet or WLAN

If a WLAN adapter is connected to the USB port, press OK to toggle between "Ethernet" and "WLAN".
Press OK to change the display to "WLAN".
Press OK again to change the display to "Ethernet".
Press ▼ to set the parameters.

Auto Config: On / Off

Press OK to change the display to "Off".
Press OK again to change the display to "On".
The Auto Config parameter allows the DAR 300 to configure itself in the network. This setting is preconfigured and recommended.
If Auto Config is set to "On", the following four parameters are displayed in grey or on the display of the DAR 300 with a plus sign before the parameter name and cannot be changed.
Press ▼ to set the parameters.

IP Address

The IP address can only be entered if the Auto Config setting is "Off". The DAR 300 IP address is set to `192.168.001.101` in the plant.
Important: The first six digits (here: 192.168.) are the same in all private networks and cannot be changed. The next three digits (here: 001) must match for all devices on the network, so that any device on the network can "find" any other. The combination of the last three digits (here: 101) can only be assigned once in a network, so that each device can be uniquely identified by another in the network.

So, if the IP addresses assigned in your network use `192.168.001.xxx` and the last three digits of `101` have not been assigned to any other device, you do not need to change the IP address already assigned during manufacture. Attention: Your operating system may not display zeros, i.e. the entry on your PC can also be `192.168.1.1` (instead of `192.168.001.001`).
If you want to change the IP address of the DAR 300 because of your network configuration:
Select "IP Address" and press OK.
Press ▶ or ◀ to go to the digits you want to change and enter the desired digits using the number blocks on the remote control.
Press ▤ and confirm by pressing OK.
Press ⮌. A window is displayed with the question "Accept changes?"
Press **Yes** to confirm the changes.
Press **No** to discard the changes.
Press OK.
Press ▼ to set the parameters.

Subnet screen

The IP address can only be entered if the Auto Config setting is "Off".
The default setting is `255.255.255.000`. This setting is used in nearly all networks.
Press ▼ to set the parameters.

Gateway

The IP address can only be entered if the Auto Config setting is "Off". The connection to the Internet title database or Internet radio stations takes place via the gateway. The IP address of your DSL router should be entered here.
The default setting is `192.168.1.1`. This setting is used in nearly all networks.
Press ▼ to set the parameters.

DNS server

The IP address can only be entered if the Auto Config setting is "Off".
Enter the IP address of the DNS server.
Press ▼ to set the parameters.

Hostname

The default setting is "DAR 300".
Devices can be identified on the network by their IP address and their hostnames (e.g. using the "Browse computers" search function in Windows XP).

The hostname can also be used to establish a network connection under Windows:
Explorer -> Tools -> Map Network Drive...
`\\DAR 300\Music`.
You should use a DHCP server for the configuration of your network, if you want to establish a connection to the DAR 300 instead of the IP address for the hostname.

If you want to change the hostname of the DAR 300, please note that hostnames cannot contain special characters or empty spaces.
Select "Hostname" and press OK.
Press ▶ or ◀ to go to the letters you want to change and enter the desired name using the number / letter blocks on the remote control (see also 0).
Press ▤ and confirm by pressing OK.
Press ⏎. A window is displayed with the question "Accept changes?"
Press ◀ **Yes** to confirm the change.
Press **No** to discard the changes.
Press OK.
Press ▼ to set the parameters.

Workgroup

The default setting is "Workgroup".
Workgroup is the designation for a group of devices in a network that should work together. If you use a workgroup, the DAR 300 and the PC should belong to the same workgroup.

If you want to change the workgroup name:
Select "Workgroup" and press .
Press ▶ or ◀ to go to the letters you want to change and enter the desired name using the number / letter blocks on the remote control (see also 0).
Press ▤ and confirm by pressing OK.
Press ⏎. A window is displayed with the question "Accept changes?"

Press ◀ **Yes** to confirm the change.
Press **No** to discard the changes.
Press OK.

Chapter

11

Technical data

- Operating systems: Windows XP, 2000, ME, 98, 95; Linux; Mac OS X, Mac OS 9 (OS 9 requires additional software for access to Sambe releases)
- Music management software: Windows Media Player, MusicMatch, WinAmp

Hard drive: 160 GB - individually scalable at any time

CD/DVD drive
- Read rate: Data CD max 52x, audio CD max 24x, DVD max 16x
- Write speed: CD-R/-RW max 10x
- Media types: Media at 12cm or 8cm
- Tray motor driven

Conversion rate
- Audio CD to MP3: 2x, - Audio CD to FLAC: 4x
- Audio CD to WAV: 20x

Audio CD ripping:
Sampling rate always 44.1kHz, bit rates MP3 32kBit/s - 320kBit/s

Input recording:
WAV: 8 - 48 kHz
MP3: 32, 44.1, 48kHz;
Bit rates: 32kBit/s - 320kBit/s
FLAC: 44.1kHz

Play:
WAV: Sampling rates 8 - 48 kHz;
MP3: Sampling rates 32, 44.1, 48kHz;
Bit rates MP3 32kBit/s - 320kBit/s
FLAC: 44.1, 48kHz

Media, memory stick
- Supported file systems: FAT, FAT32

Power supply
- 110-230 Volt; 50/60 Hz
- Power consumption: Approx. 30W

Chapter

12

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